

```

1. #include <stdio.h>
2.
3. int findGCD(int num1, int num2)
4. {
5.     if (num2 == 0)
6.     {
7.         return num1;
8.     }
9.     if (num1 % num2 == 0)
10.    {
11.        return num2;
12.    }
13.    return findGCD(num2, num1 % num2);
14. }
15.
16. int nok(int k, int n, ...)
17. {
18.     int *p=&n;
19.     int LCM = *p;
20.     for(int i=1; i<k; i++)
21.     {
22.         if(LCM==0 || *p==0)
23.         {
24.             LCM = 0;
25.             break;
26.         }
27.         LCM = LCM / findGCD(LCM, *p);
28.         LCM = (LCM)*(*p);
29.     }
30.     return LCM;
31. }
32.
33. int main(void)
34. {
35.     int n1,n2,n3,n4,n5,n6;
36.     printf("Enter 6 integer: ");
37.     scanf("%d %d %d %d %d %d", &n1, &n2, &n3, &n4, &n5, &n6);
38.     printf("\n\nLCM of three numbers is: %d", nok(3, n1, n2, n3));
39.     printf("\nLCM of five numbers is: %d", nok(5, n1, n2, n3, n4, n5));
40.     printf("\nLCM of six numbers is: %d", nok(6, n1, n2, n3, n4, n5, n6));
41.     scanf("%d", &n1);
42.     return 0;
43. }

```